

To: rogers, rick[rogers.rick@epa.gov]; Melvin, Karen[Melvin.Karen@epa.gov]; Capacasa, Jon[Capacasa.jon@epa.gov]; Lueckenhoff, Dominique[Lueckenhoff.Dominique@epa.gov]; Ajl, Diane[Ajl.Diane@epa.gov]; Coe, Mary[Coe.Mary@epa.gov]
From: Rodrigues, Cecil
Sent: Thur 6/11/2015 12:32:58 PM
Subject: FW: Work Plan for Miller Chemical Fire Containment

From: Ham, Greg
Sent: Wednesday, June 10, 2015 9:57 PM
To: Heston, Gerald; Rodrigues, Cecil; Burns, Francis
Cc: Bartos, Myles; McLaughlin, Don
Subject: Fwd: Work Plan for Miller Chemical Fire Containment

I am unable to connect on my laptop to summarize this email from PADEP, so am forwarding it as is. DEP predicts that the leading edge of the plume will reach the Susquehanna River tomorrow sometime, but concentrations are expected to be minimal by then. I plan to head out to the site tomorrow late morning.

Sent from my iPhone

Begin forwarded message:

From: "Moore, Brian" <briamoore@pa.gov>
Date: June 10, 2015 at 7:05:33 PM EDT
To: "charliesvec@millerchemical.com" <charliesvec@millerchemical.com>, "andysmith@millerchemical.com" <andysmith@millerchemical.com>, "tonyhartlaub@millerchemical.com" <tonyhartlaub@millerchemical.com>, "rgimello@wcdgroup.com" <rgimello@wcdgroup.com>, "richardk@hydroenvironmental.com" <richardk@hydroenvironmental.com>, "jhorner@epsofvermont.com" <jhorner@epsofvermont.com>, "Langer, Lynn" <llanger@pa.gov>, "Landis, Victor" <vlandis@pa.gov>, "Embeck, Mark" <membeck@pa.gov>, "Conrad, Robert" <roconrad@pa.gov>, "Nesmith, Rodney" <rnesmith@pa.gov>, "Ham, Greg" <Ham.Greg@epa.gov>
Cc: "Moore, Brian" <briamoore@pa.gov>, "Kunkel, Summer" <sukunkel@pa.gov>, "Repetz, John" <JREPETZ@pa.gov>, "Horvath, Kathleen" <khovath@pa.gov>, "jeline@adamscounty.us" <jeline@adamscounty.us>, "Leib, Kerry" <kleib@pa.gov>
Subject: Work Plan for Miller Chemical Fire Containment

All,

Following up on today's site visit to the Miller Chemical site I wanted to summarize our discussions for the anticipate containment/site work and disposal expected to be done in the next several days.

- 1) The containment around the Miller Chemical property is in place and no additional contamination is expected to cross the property line, this is in the form of onsite pits/impoundments and a clay berm around the facility. This does not take into consideration the possibility of a rainfall event of several inches however normal thunder storms with under 1" of rainfall are expected to be able to be contained onsite. This only addresses the manufacturing site itself and not the drainage swales, railroad tracks, power substation.
- 2) A small dam will be built where the drainage swale empties into Slegel Run to block of the flow into Slegel Run. This will ideally eliminate the flow of contamination into Slegel Run. In the short term (24-48 hours) that material will be recirculated to the top of the swale and will flow via gravity down to the dam. All involved recognize that this is a temporary measure designed to buy time to get better containment in place and get disposal facilities lined up. Prior to the recirculation starting a large 'slug' of concentrated runoff will be pumped out of the drainage swale to avoid putting it down towards Slegel Run. This material is currently lying in a swale on the Western side of the railroad tracks just north of the access road to the radio station. This material will either be pumped into a frac tank or into a plastic lined impoundment.
- 3) The long term objective is to remove the contaminated runoff from the swale and place it into either a mobile storage tank or into plastic lined trenches prior to being pumped off site for disposal. Everyone involved is aware that pumping it onto the soil is not an ideal situation as it presents further risk for soil contamination.
- 4) EP & S is going to be reaching out to disposal facilities and POTW's regarding disposal of the runoff as permanent progress can't be made until the material is being removed from the site. They are going to be communicating with the lab to try and get as much information as soon as possible to facilitate disposal
- 5) Interceptor trenches are going to be dug along the fields which feed the swale to keep the 'clean' stormwater runoff from mixing with the contaminated material in the swale. The runoff will be collected in the fields, put the erosion and sediment controls and if needed pumped into Slegel's Run to minimize the impact of sediment. This will greatly reduce the amount of material that needs to be treated and assist with dilution in Slegel's Run.
- 6) Once the contamination is stopped from entering Slegel's Run and the waterways start to clear up the Department will be monitoring the Conewago to determine when the New Oxford Municipal Authority can resume using their intake. Sampling will take place after

the waterway is visibly clear we are able to determine that the control measures in place around the Miller site are working to prevent contamination from entering Slegel's Run during a rain event.

As with any cleanup or response effort all of the above is fluid and may change depending on site conditions, weather events and the availability of equipment and disposal facilities. As more concrete information becomes available I will pass it along. I anticipate conducting a site visit tomorrow afternoon, 6/11/15 with Greg Ham to check on the progress. If anyone has any questions or concerns please feel free to contact me directly.

Brian

Brian L. Moore | Manager

Emergency Response Program

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The 24-hour toll free Emergency Response number for the SCRO is: 866-825-0208